

## Appendix A References

### A-1. Required Publications

#### **29 CFR 1910.120**

Code of Federal Regulations, 29 CFR 1910.120, Hazardous Waste Operations and Emergency Response.

#### **29 CFR 1926**

Code of Federal Regulations, 29 CFR 1926, Safety and Health Regulations for Construction.

#### **ER 385-1-92**

Safety and Occupational Health Document Requirements for Hazardous, Toxic, and Radioactive Waste (HTRW) and Ordnance and Explosive Waste (OEW) Activities.

#### **ER 1110-1-263**

Chemical Data Quality Management for Hazardous Waste Remedial Activities.

#### **ER 1110-1-1803**

Care, Storage, Retention, and Ultimate Disposal of Exploratory and Other Cores.

#### **ER 1110-1-8156**

Policies, Guidance, and Requirements For Geospatial Data and Systems.

#### **ER 1110-2-1807**

Use of Air Drilling in Embankments and Their Foundations.

#### **ER 1165-2-132**

Hazardous, Toxic, and Radioactive Waste (HTRW) Guidance for Civil Works Projects.

#### **EM 200-1-2**

Technical Project Planning (TPP) Process.

#### **EM 200-1-3**

Requirements for the Preparation of Sampling and Analysis Plans.

#### **EM 385-1-1**

Safety and Health Requirements Manual.

#### **EM 1110-1-1802**

Geophysical Exploration.

#### **EM 1110-1-1804**

Geotechnical Investigations.

#### **EM 1110-1-1906**

Soil Sampling.

#### **EM 1110-1-2909**

Geospatial Data and Systems.

#### **EM 1110-2-1906**

Laboratory Soils Testing.

#### **EM 1110-2-3506**

Grouting Technology.

#### **FM 5-410**

U.S. Army Field Manual, "Military Soils Engineering."

#### **FM 5-430**

U.S. Army Field Manual, "Planning and Design of Roads, Airbases, and Heliports in the Theater of Operations."

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#### **TM 5-818-2**

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#### **TM 5-818-3**

U.S. Army Technical Manual, "Pavement Evaluation For Frost Conditions."

#### **TM 5-852-6**

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#### **CEGS 02522**

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#### **CWGS 02010**

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**USEPA, EPA/530/SW-86/055, OSWER Directive 9950.1**

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**USGS, WRI Report 96-4233**

“Guidelines and Standard Procedures for Studies of Ground-Water Quality: Selection and Installation of Wells, and Supporting Documentation,” U.S. Geological Survey, Water-Resources Investigations (WRI) Report 96-4233 (1997), Reston, VA.

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**C 150** Specification for Portland Cement

**D 888** Test Method for Dissolved Oxygen in Water

**D 1125** Test Method for Electrical Conductivity and Resistivity of Water

**D 1293** Test Method for pH in Water

**D 1498** Practice for Oxidation-Reduction Potential of Water

**D 1586** Test Method for Penetration Test and Split-Barrel Sampling of Soils

**D 1785** Specification for Polyvinyl Chloride (PVC) Plastic Pipe Schedules 40, 80 and 120

**D 1889** Test Method for Turbidity in Water

**D 2113** Practice for Rock Core Drilling and Sampling of Rock for Site Investigation

**D 2487** Test Method for Classification of Soils for Engineering Purposes.

**D 2488** Practice for Description and Identification of Soils (Visual-Manual Procedures).

**D 4044** Test Method (Field Procedure) for Instantaneous Change in Head (Slug Tests) for Determining Hydraulic Properties of Aquifers

**D 4050** Test Method (Field Procedure) for Withdrawal and Injection Well Tests for Determining Hydraulic Properties of Aquifer Systems

**D 4220** Practice for Preserving and Transporting Soil Samples

**D 4448** Guide for Sampling Groundwater Monitoring Wells.

**D 4696** Guide for Pore-Liquid Sampling from the Vadose Zone

**D 4750** Test Method for Determining Subsurface Liquid Levels in a Borehole or Monitoring Well (Observation Well)

**D 5079** Practice for Preserving and Transporting Rock Core Samples

**D 5088** Practice for Decontamination of Field Equipment Used at Nonradioactive Waste Sites.

**D 5092** Practice for Design and Installation of Ground Water Monitoring Wells in Aquifers.

**D 5126** Guide for Comparison of Field Methods for Determining Hydraulic Conductivity in the Vadose Zone

**D 5299** Guide for the Decommissioning of Ground Water Wells, Vadose Zone Monitoring Devices, Boreholes, and Other Devices for Environmental Activities.

**D 5434** Guide for Field Logging of Subsurface Explorations of Soil and Rock.

**D 5462** Test Method for On-Line Measurement of Low Level Dissolved Oxygen in Water

**D 5464** Test Methods for pH Measurement of Water of Low Conductivity

**D 5521** Guide for Development of Ground-Water Monitoring Wells in Granular Aquifers.

**D 5608** Practice for the Decontamination of Field Equipment Used at Low Level Radioactive Waste Sites

**D 5714** Specification for Content of Digital Geospatial Metadata

**D 5717** Guide for Design of Ground-Water Monitoring Systems in Karst and Fractured-Rock Aquifers.

**D 5737** Guide for Methods for Measuring Well Discharge

**D 5753** Guide for Planning and Conducting Borehole Geophysical Logging

**D 5778** Test Method for Performing Electronic Friction Cone and Piezocone Penetration Testing of Soils

**D 5781** Guide for the Use of Dual Wall Reverse-Circulation Drilling for Geoenvironmental Exploration and the Installation of Subsurface Water Quality Monitoring Devices

**D 5782** Guide for the Use of Direct Air Rotary Drilling for Geoenvironmental Exploration and the Installation of Subsurface Water Quality Monitoring Devices

**D 5783** Guide for the Use of Direct Rotary Drilling With Water-Based Drilling Fluid for Geoenvironmental Exploration and the Installation of Subsurface Water Quality Monitoring Devices

**D 5784** Guide for the Use of Hollow-Stem Augers for Geoenvironmental Exploration and the Installation of Subsurface Water Quality Monitoring Devices

**D 5787** Practice for Monitoring Well Protection.

**D 5872** Guide for Use of Casing Advancement Drilling Methods For Geoenvironmental Exploration and Installation of Subsurface Water-Quality Monitoring Devices

**D 5875** Guide for Use of Cable-Tool Drilling and Sampling Methods for Geoenvironmental Exploration and Installation of Subsurface Water-Quality Monitoring Devices

**D 5876** Guide for Use of Direct Rotary Wireline Casing Advancement Drilling Methods for Geoenvironmental Exploration and Installation of Subsurface Water-Quality Monitoring Devices

**D 5978** Guide for Maintenance and Rehabilitation of Ground Water Monitoring Wells

**D 6001** Guide for Direct Push Water Sampling for

## Geoenvironmental Investigations

**D 6067** Test Method for Using the Electronic Cone Penetrometer for Environmental Site Characterization

**D 6169** Guide for Selection of Soil and Rock Sampling Devices Used With Drill Rigs for Environmental Investigations.

**D 6282** Guide for Direct Push Soil Sampling for Environmental Site Characterizations.

**D 6286** Guide for Selection of Drilling Methods for Environmental Site Characterization

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## A-2. Related Publications

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